Fujitsu recommends Windows® 7.

Data Sheet
Fujitsu CELSIUS H920 Workstation

High-End Workstation Power on-the-Go

If you need ultimate workstation performance in a notebook form-factor, the Fujitsu CELSIUS H920 is your ideal choice. This individually configurable workstation, comprehensively certified for leading ISV applications, helps you maintain an efficient workflow wherever you are. Your productivity is increased by instant network access thanks to multiple embedded connectivity features. A range of hardware protection and software security features provide additional peace of mind.

High-end workstation performance
Highest productivity thanks to mobile workstation performance
- Have a choice of ultra high-end or high-end professional NVIDIA® Quadro® graphics cards with up to 960 CUDA cores; boost productivity with 3rd generation Intel® Core™ i5 & i7 processors with vPro™ technology

Superior performance and reliability
Higher productivity and speed thanks to larger screen and second HDD
- 43.9 cm (17.3-inch) Full HD LED backlight display and RAID 0/1 support with integrated second HDD

Unlimited connectivity
Online anywhere, anytime
- Optional integrated WLAN, 4G/LTE, 3G/UMTS and Bluetooth®

Ultimate security
Protect your data from non-authorized access
- Integrated SmartCard reader and fingerprint sensor

ISV certification
Excellent performance and absolute stability in professional environments
- Comprehensive certification for workstation applications

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Components

Processor	Intel® Core™ i7-3920XM processor (2.9 GHz, up to 3.8 GHz, 8 MB)	
	Intel® Core™ i7-3820QM processor (2.7 GHz, up to 3.7 GHz, 8 MB)	
	Intel® Core™ i7-3720QM processor (2.6 GHz, up to 3.6 GHz, 6 MB)	
	Intel® Core™ i7-3610QM processor (2.3 GHz, up to 3.3 GHz, 6 MB)	
	Intel® Core™ i7-3520M processor (2.9 GHz, up to 3.6 GHz, 4 MB)	
	Intel® Core™ i5-3360M processor (2.8 GHz, up to 3.5 GHz, 3 MB)	
	Intel® Core™ i5-3320M processor (2.6 GHz, up to 3.3 GHz, 3 MB)	
	Intel® Core™ i5 processor featuring Intel® Small Business Advantage technology	
Operating systems		
Operating system	Windows® 7 Professional 64-bit	
Operating system compatible	Windows® 7 Professional 32-bit Windows® 7 Professional 64-bit	
Memory modules	2 GB (1 module(s) 2 GB) DDR3, 1600 MHz, PC3-12800, SO DIMM	
	4 GB (1 module(s) 4 GB) DDR3, 1600 MHz, PC3-12800, SO DIMM	
	8 GB (1 module(s) 8 GB) DDR3, 1600 MHz, PC3-12800, SO DIMM	
Base unit memory	**CELSIUS H920 Dual Core**	**CELSIUS H920 Quad Core**
Supported capacity RAM (min.)	2 GB	4 GB
Supported capacity RAM (max.)	16 GB	32 GB
Memory slots total	2	4
Memory slot type	DIMM (DDR3)	
Hard disk drives (internal)	SSD SATA III, 512 GB, 2.5-inch	
	SSD SATA III, 256 GB, 2.5-inch	
	SSD SATA III, 128 GB, 2.5-inch, FDE	
	SSD SATA III, 128 GB, 2.5-inch	
	HDD SATA, 7200 rpm, 640 GB, 2.5-inch, S.M.A.R.T.	
	HDD SATA, 7200 rpm, 500 GB, 2.5-inch, S.M.A.R.T.	
	HDD SATA, 5400 rpm, 1000 GB, 2.5-inch, S.M.A.R.T.	
Hard disk notes	ShockSensor for HDD shock protection One Gigabyte equals one billion bytes, when referring to hard disk drive capacity. Accessible capacity may vary, also depending on used software. Up to 2 internal disks configurable.	
WLAN (optional)	Intel® Centrino® Advanced-N 6205 802.11 a/b/g/n Import and usage according to country-specific regulations.	
	Intel® Centrino® Wireless-N 2200 802.11b/g/n Import and usage according to country-specific regulations.	
3G/4G (optional)	Sierra Wireless Gobi 3000 module	
	Sierra Wireless MC7710 LTE/HSPA+ module	
Bluetooth (optional)	Bluetooth 4.0	
Display	43.9 cm (17.3-inch), LED backlight, (Full HD), Anti-glare display, 1920 x 1080 pixel	
	Blu-ray burner	
	DVD-RW Dual Double Layer Super Multi	

Base unit	CELSIUS H920 Dual Core	CELSIUS H920 Quad Core
Chipset	Intel® QM77	
BIOS features	BIOS based on Phoenix SecureCore	

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Graphics	
Max. resolution external display	2560 x 1600 pixel via DisplayPort and Dual Link DVI
Graphics brand name	NVIDIA® Quadro® K3000M, NVIDIA® Quadro® K4000M
Graphics features	DualView
Dedicated video memory	2 / 4 GB (GDDR5 VRAM)
Interfaces	
DC-in	1
Audio: in	1
Audio: out	1
Internal microphones	1 digital array microphone
USB 2.0 total	3
USB 3.0 total	1
VGA	1
DisplayPort	1
Ethernet (RJ-45)	1
Express card slots	1 (34/54 mm)
SmartCard slot	1
SIM card slot	1
Multicardreader	1 (SD up to 2 GB, SDHC up to 32 GB, SDXC up to 64 GB)
eSATA	1
Wired communication	
LAN	10/100/1000 MBit/s Intel® 82579 LM
Keyboard	
	TouchStick (optional) Touchpad with two mouse buttons and scroll via fingerprint sensor Second set of mouse buttons EcoButton LockWorkstation button MobilityCenter Button Fingerprint sensor
Multimedia	
Audio type	On board
Audio codec	Realtek ALC269
Audio features	Stereo speakers, 2 internal microphones
Power supply	
AC adapter	19 V / 210 W (11.05 A)
Rated voltage range	100 V - 240 V (AC Input)
Rated frequency range	50 Hz - 60 Hz
1st battery	Li-Ion battery 8-cell
Runtime 1st battery	up to 9 hours
Dimensions / Weight / Environmental	
Dimensions (W x D x H)	417 x 287 x 33/44 mm
Weight	4.25 kg
Weight notes	Actual weight may vary depending on configuration
Operating ambient temperature	5 - 35°C
Operating relative humidity	20 - 80 % (relative humidity, non-condensing)

Additional Software

Additional software (preinstalled)	Microsoft® Office Starter 2010 (32-bit) Adobe® Reader® Nero Essentials S (burning software) Norton Internet Security (incl. Firewall) Display Manager EasyGuide online user documentation Power Saving Utility ShockSensor Utility SmartAccess Plugfree Network Intel® SBA (Manageability Suite) DTS Surround Software Application Button Utility DeskUpdate (Driver and Utility tool)
Additional software (optional)	Drivers & Utilities DVD (DUDVD) UMTS connection manager (optional with UMTS)

Manageability

Manageability technology	DeskUpdate Driver management PXE 2.1 Boot code Wake up from S5 (off mode) iAMT Intel® Active Manageability Technology v8.0 (not activated, not set up) Intel® vPro™ technology WoL (Wake on LAN)
Manageability software	DeskView Client DeskView Instant BIOS Management DeskView Integration for Symantec Management Platform
DeskView components	Inventory Management BIOS Management Driver Management Security Management Alarm Management
Supported standards	WMI PXE BootP (made4you)
Manageability link	http://www.fujitsu.com/fts/solutions/high-tech/dynamic-infrastructure/solutions/workplace/manageability/feature-finder.html

Security

System protection	Kensington Lock support
Audit proof protection	Advanced Theft Protection Computrace® enabled BIOS Optional: Trusted platform module (TPM 1.2) Norton Internet Security (incl. Firewall) 90 days version
Access protection	Integrated Fingerprint Sensor Separate SmartCard slot Hard disk password SystemLock BIOS SmartCard security User and supervisor BIOS password Preboot Authentification with SystemLock 3

Compliance

Product	CELSIUS H920 Dual Core	CELSIUS H920 Quad Core
Germany	GS	
Europe	CE	
USA/Canada	cULus FCC Class B part 15C/E + 22 + 24 (depending on wireless configuration)	

Compliance	
Global	RoHS (EU & China) Medical EMC standard IEC60601-1-2 in combination with medical kit ENERGY STAR® 5.0 in progress
Compliance link	https://sp.ts.fujitsu.com/sites/certificates/default.aspx

Port Replicator interfaces (optional)	
DC-in	1 (19V)
Power on switch	1
Audio: headphone	1
Audio: microphone	1
USB 3.0 total	4
DisplayPort	1 (up to 2560 x 1600)
VGA	1
DVI	1 (up to 1920 x 1200)
Serial (RS-232)	1
Ethernet (RJ-45)	1 (10/100/1000)
Kensington Lock support	1
eSATA	1
Notes	Port replicator does not support 0-Watt technology

Warranty	
Standard Warranty	3 years
Service level	Bring-In / On-Site Service (depending on country)
Maintenance and Support Services - the perfect extension	
Service Weblink	http://www.fujitsu.com/fts/services/support

Recommended Accessories

MicroSaver Slim		The Fujitsu Kensington MicroSaver slim features the patented T-Bar locking mechanism with carbon tempered steel core cable and an external braided steel sheath. The MicroSaver slim is available with Kensington Master Access. This security solution allows you to manage and maintain a limitless number of locks with a master key.	Order Code: S26361-F1650-L200
Privacy filter		Privacy filters help block the screen view from anyone viewing the computer from a side view. 3M's unique microlouver privacy technology allows persons directly in front of the computer to see on-screen data clearly. 3M offers the broadest line of computer filters available.	Order Code: S26391-F6097-L144
Prestige City Trolley 17		The Prestige City Trolley 17 protects and transports notebooks with up to 17-inch screens, along with clothes and toiletries. It is the perfect companion in a city environment or for overnight stays with four spacious compartments. Smooth running wheels and a telescopic handle ensure convenience, while the central section protects your notebook with shock-absorbing foam.	Order Code: S26391-F1191-L130

Prestige Case Backpack 17		The Prestige Case Backpack 17 protects notebooks with up to 17-inch displays. It contains three large compartments, two elastic mesh side pockets and a front bay. The padded back compartment provides protection for your notebook, while other sections store power adaptors and office supplies. Padded shoulder straps and back cushions provide comfort on the move.	Order Code: S26391-F1191-L134
Wireless Notebook Mouse WI610		The Wireless Notebook Mouse WI610 uses the latest wireless 2.4 GHz technology, and an ultra-high resolution switchable sensor to give you the precision and reliability you need (1000/1500/2000 dpi). Sporting a stylish silver-black finish, the WI610 wireless mouse is well suited to all environments.	Order Code: S26381-K460-L100

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More information

Fujitsu platform solutions

In addition to Fujitsu CELSIUS H920, Fujitsu provides a range of platform solutions. They combine reliable Fujitsu products with the best in services, know-how and worldwide partnerships.

Dynamic Infrastructures
With the Fujitsu Dynamic Infrastructures approach,Fujitsu offers a full portfolio of IT products, solutions and services, ranging from clients to datacenter solutions, Managed Infrastructure and Infrastructureas-a-Service. How much you benefit from Fujitsu technologies and services depends on the level of cooperation you choose. This takes IT flexibility and efficiency to the next level.

Computing Products
www.fujitsu.com/global/services/computing/

Software
www.fujitsu.com/software/

More information

Learn more about Fujitsu CELSIUS H920, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website.
www.fujitsu.com/fts/CELSIUS

Fujitsu green policy innovatiohn

Fujitsu Green Policy Innovation is our worldwide project for reducing burdens on the environment.
Using our global know-how, we aim to resolve issues of environmental energy efficiency through IT.
Please find further information at http://www.fujitsu.com/global/about/environment/

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